

Louisville and Jefferson County
Riverport Authority

KRI Grant Application

For

Riverport Access Railroad

May 1, 2019



May 1, 2019

Transportation Cabinet
Division of Planning
200 Mero Street
Frankfort KY 40622

**KRI Application
Tie Replacement Project**

To Whom It May Concern:

The Louisville and Jefferson County Riverport Authority is pleased to submit this Kentucky Riverport Improvement application. The Louisville and Jefferson County Riverport Authority was created by a joint resolution of the City of Louisville Board of Aldermen and Jefferson County Fiscal Court in December of 1965, and as such, is eligible to submit this grant application.

Riverport is applying for grants to replace deteriorating ties through Riverport along an approximately 9 mile rail network. The rail lines in Riverport allow CSX, NS, and P&L railroads to service companies in the park. CSX conducts regular inspections of the track and if deficiencies are found, the lines could be closed. By being proactive with maintenance of the tracks, the lines may be used on a regular basis without any service interruptions. Project will be bid on a per tie unit cost, and once monies are secured, contractor and representatives from Riverport/The Port Authority will determine areas of repair along the rail corridor.

Once funding becomes available, construction could start quickly and is anticipated to be completed in approximately one month.

Sincerely,

A handwritten signature in blue ink that reads "Maria Bouvette". The signature is fluid and cursive, with the first name "Maria" and last name "Bouvette" clearly distinguishable.

Maria Bouvette
Executive Director/President



Kentucky Riverport Improvement (KRI) Application

Project Title: Riverport Rail Tie ReplacementAuthority Name: Louisville Jefferson County RiverportApplication Year: FY 20

Applicant Contact Information

Address: 6900 Riverport DriveCity: LouisvilleState: KYZip Code: 40258Contact Person: Maria BouvetteContact Title: Ex. Director/PresidentContact Phone Number: 502-935-6024Contact Email Address: Maria.Bouvette@jeffersonriverport.com

Project Information

Project Type: Maintenance of AccessHow long will project take? 6 weeksProject facilities: ☐ Owned by Riverport Authority ☒ Leased to: Riverport

Briefly describe the project and its intended purpose:

Riverport is applying for grants to replace deteriorated rail ties throughout the park. The rail lines in Riverport allow CSX, NS, and P&L to service companies in the park. CSX performs regular inspections of the track and if deficiencies are noted, the lines could be closed. Businesses in Riverport rely on these rail lines for transportation with many businesses operate on Just-In-Time schedules for Ford, Papa John's and others.

Does applicant plan to use their own manpower, equipment, or materials on the project (Force Account) or competitively bid out all work related to the project? Bid Out

Current # trucks per day: 29Trucks per day after project: 31Current # train cars per week: 39Train cars per week after project: 40Current # barges per week: 4.0 (average)Barges per week after project: 4.7 (av.)How will the project increase jobs? Having access to a functional rail lineHow will the project increase efficiency? By providing rail transit to businesses

Project Funding

Total Project Cost: \$300000Amount of KRI Funding requested: \$150000Applicant Match Amount: \$150000Applicant Match Percent (50% minimum): 50%Applicant Match Source: Riverport Private Funds

FOR INTERNAL USE ONLY: DO NOT WRITE IN THIS AREA		
Date Received: <u>5/1/19</u>	WTAB Approval <input type="checkbox"/> Yes <input type="checkbox"/> No	Notification of Award: _____
Application Complete? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Secretary Approval <input type="checkbox"/> Yes <input type="checkbox"/> No	MOA #: _____
Eligible Applicant? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Award Amount: _____	Notice to Proceed: _____
Permits Needed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Award Date: _____	



Kentucky Riverport Improvement (KRI) Application

Permits / Approvals

Has the applicant consulted with state and federal agencies on the project (US Army Corps of Engineers, US Coast Guard, US Fish and Wildlife Service, Kentucky Division of Water, Kentucky Heritage Council, etc.)? Select One NA - new

Has state and federal agency consultation determined permits are needed? Select One NA - new

Have all required permits (environmental, encroachment, etc.) been obtained? Select One NA - new

Submission Checklist (see guidance document for details)

- ☒ Cover Sheet;
- ☐ Kentucky Riverport Improvement Application;
- ☐ Statement of Work;
- ☐ Scope of Work;
- ☐ Project Schedule/Timeline;
- ☐ Certification of the ability to provide the minimum of 50% match requirement;
- ☐ Maps, Aerial Photos, Drawings, and Photographs, as needed;
- ☐ Engineering Plans, Schematics, Details, Drawings of the proposed project, as needed;
- ☐ Copies of all correspondence or evidence of consultation that has occurred with state and federal agencies, if applicable;
- ☐ Annual Affidavit for Bidders, Offerors and Contractors from applicant (if not already on file);
- ☐ Documentation of Port Planning.

Final Submission

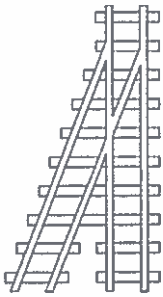
Completed applications and all required attachments must be submitted electronically in PDF format and in paper format. Mailed and emailed applications shall be received by the Division before May 1st. PDF copies shall be sent via email to KYTC.ModalPrograms@ky.gov. Two (2) stapled or bound copies must be mailed to:

Kentucky Transportation Cabinet
Division of Planning – KRI Application
200 Mero Street
Frankfort, Kentucky, 40622

Certification

I have read the Riverport Improvement Project Guidance Document and understand and agree to abide by what is stated therein. I agree that incomplete applications, applications missing any of the above required supporting documents, or applications received after the deadline, will be deemed ineligible by Division staff without consideration for KRI funds and returned to the applicant. I also hereby certify, subject to the provisions of KRS 523.100 (unsworn falsification to authorities), that the above information is true and correct to the best of my knowledge.

Printed Name Maria L. Bouvette Signature Maria Bouvette
Title Executive Director / President Date 5/1/2019



ASSOCIATED RAILROAD CONTRACTORS, INC.

Keeping You On The Right Track!

PO Box 19246
Louisville, KY 40259-0246
Main: 502.966.9781
Fax: 502.966.4063

www.associatedrailroad.com

April 25, 2018

Ms. Ashley Bartley
Jefferson Riverport International
6900 Riverport Drive
Louisville, KY 40258-2851

RE: Grant Submittals

Ms. Bartley,

Please see our information below concerning your inquiry:

CROSSTIE REPLACEMENT and BALLAST RESTORATION/SURFACE:

1. Replacement of crossties in areas of track infrastructure to retain gage within tolerable limits and withstand lateral forces of daily freight movements. Insufficient ballast quantities prohibit proper surface and track profile and proper containment of thermal and vertical track movement. Select areas have been assessed to have high amounts of crosstie deterioration and surface deviations due mainly from ballast deficiency.

a. 1,900 crossties have been selected to be replaced by new 7"x9"x8'6" crossties. Installation will also include new prime grade 5/8"x6" track spikes per CSX spiking pattern specifications. *2,055' of guard rail will need to be removed and reinstalled after installation of roughly 374 crossties and surfacing is complete.

b. 500 tons of clean local #4 limestone ballast shall be installed and areas to be tamped and regulated.

c. Duration of the tie project is forecasted for 20 business days as shown on attached Gantt chart. Pricing is as follows:

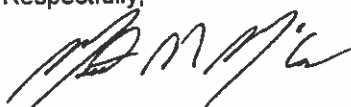
i. Design	\$ N/A
ii. Permits	\$ N/A
iii. Advertisement	\$50.00
iv. Bid Award	\$ N/A
v. Mobilization or Delivery	\$4,377.50
vi. Construction	\$275,922.00
vii. Demobilization	\$4,377.50
viii. Inspection/Certification	\$N/A
ix. Tie Disposal (Other Misc.)	\$14,630.00
x. Estimated Costs	\$299,357.00

Estimated Duration – Four Months from Advertisement to Project Completion

Should you have any questions or need additional information please feel free to call. We will gladly assist you in any way that we can.

We appreciate your inquiry and hope that our assessment and budgetary estimate serve as advantageous to your application process.

Respectfully,

A handwritten signature in black ink, appearing to read 'Micah N. McCray', written in a cursive style.

Micah N. McCray
Vice President
Associated Railroad Contractors, Inc.
Phone: (502) 966-9781
FAX: (502) 966-4063
Cell: (502) 649-1173
micah@associatedrailroad.com

ID	Task Mode	Task Name	Duration	Start	Finish	June 2019
1						30
2		Design	0 days	Mon 6/3/19	Mon 6/3/19	2
3		Permits	0 days	Mon 6/3/19	Mon 6/3/19	5
4		Advertisement	14 days	Mon 6/3/19	Thu 6/20/19	8
5		Bid Award	6 days	Fri 6/21/19	Fri 6/28/19	11
6		Mobilization	5 days	Mon 7/22/19	Fri 7/26/19	14
7		Construction	20 days	Mon 7/29/19	Fri 8/23/19	17
8		Demobilization	5 days	Mon 8/26/19	Fri 8/30/19	20
9		Inspection	1 day?	Mon 9/2/19	Mon 9/2/19	23

Task

Split

Milestone

Summary

Project Summary

Inactive Task

Inactive Milestone

Inactive Summary

Manual Task

Duration-only

Manual Summary Rollup

Manual Summary

Start-only

Finish-only

External Tasks

External Milestone

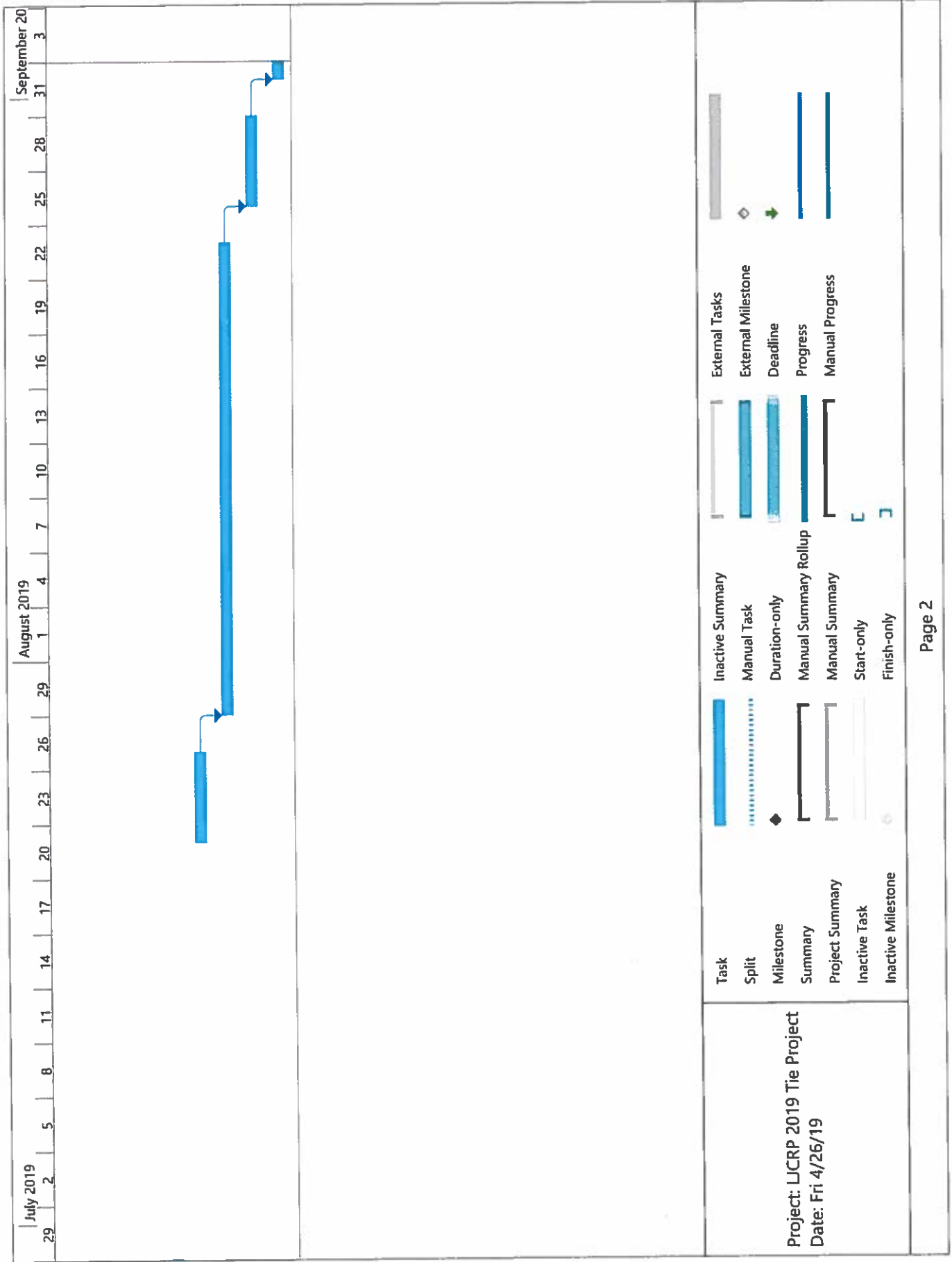
Deadline

Progress

Manual Progress

Project: LCRP 2019 Tie Project

Date: Fri 4/26/19

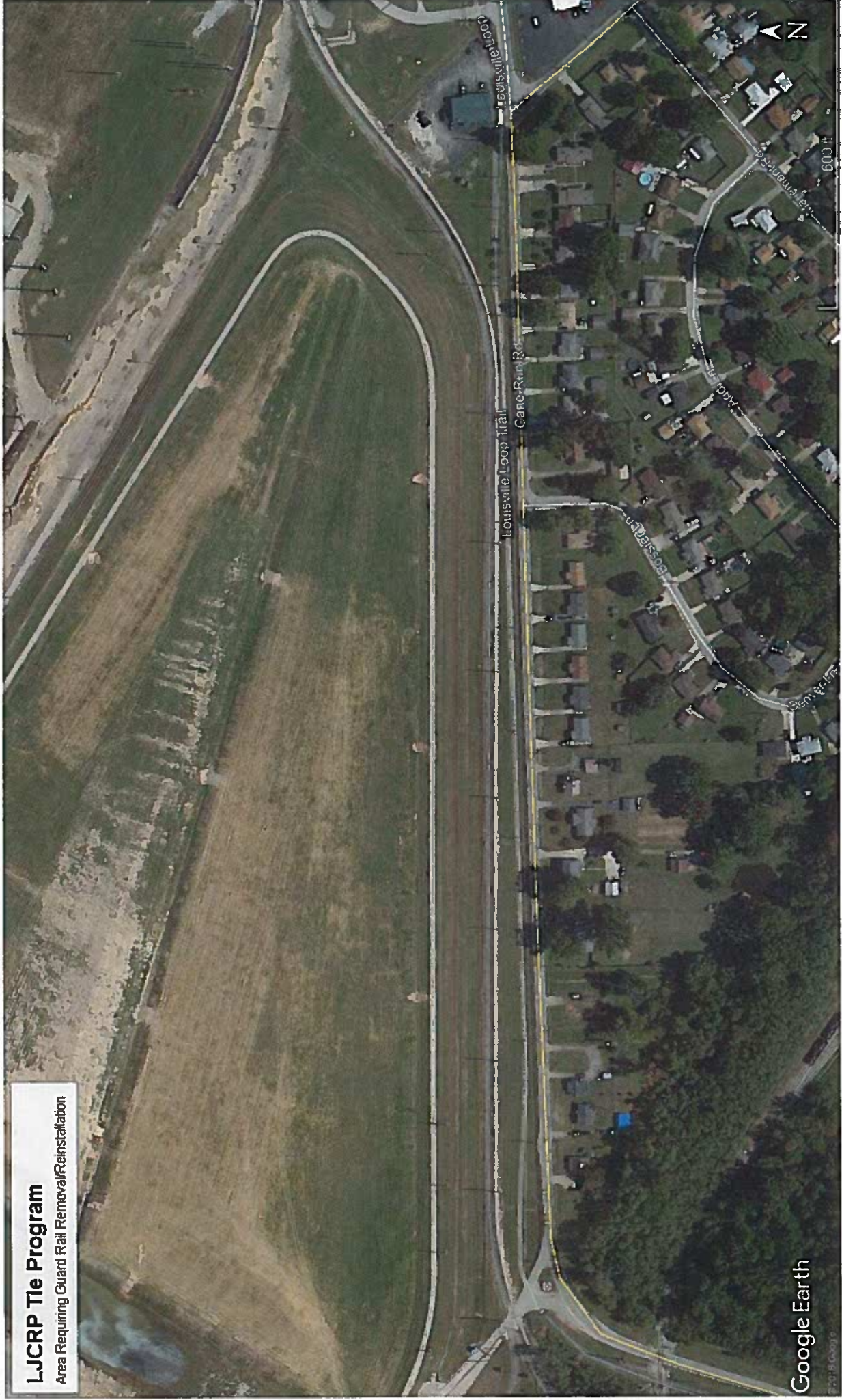




Riverport Railroad Tie Replacement Project

LJCRP Tie Program

Area Requiring Guard Rail Removal/Reinstallation



Google Earth

© 2018 Google

1.1 SPECIFICATIONS FOR TIMBER CROSS TIES¹

NOTE: It is recommended for West Coast species that W.C.L.B. Grading Rules apply

1.1.1 MATERIAL

1.1.1.1 Kinds of Wood*

Before manufacturing ties, producers shall ascertain which of the following kinds of wood suitable for cross ties will be accepted:

Asbes	Elms	Larches	Poplars
Beech	Firs (true)	Locusts	Redwoods
Birches	Gums	Maples	Sassafras
Catalpas	Hackberries	Mulberries	Spruces
Cherries	Hemlocks	Oaks	Sycamores
Douglas fir	Hickories	Pines	Walnuts

Others will not be accepted unless specially ordered.

1.1.2 PHYSICAL REQUIREMENTS

1.1.2.1 General Quality

Except as hereinafter provided, all ties shall be free from any defects that may impair their strength or durability as cross ties, such as decay, large splits, large shakes, slanting grain, or large or numerous holes or knots.

1.1.2.2 Resistance to Wear

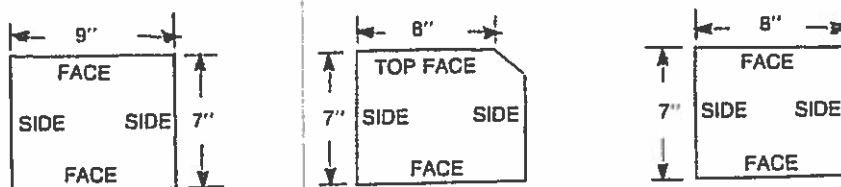
When so ordered, ties from needleleaved trees shall be of compact wood throughout the top fourth of the tie, where any inch of any radius from the pith shall have six or more rings of annual growth.

1.1.3 DESIGN

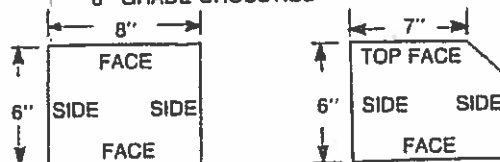
Size Categories for 7" & 6" Cross-ties

1" of Wane Allowed — 20% Square 7" x 8" Allowed

7" GRADE CROSSTIES



6" GRADE CROSSTIES



*Each railway will specify only the kind of wood it desires to use

¹References: Vol. 5, 1904, pp. 72, 120; Vol. 6, 1905, pp. 761, 775; Vol. 7, 1906, pp. 34, 65; Vol. 17, 1916, pp. 243, 840; Vol. 22, 1921, pp. 328, 1003; Vol. 27, 1926, pp. 690, 1337; Vol. 35, 1934, pp. 780, 1160; Vol. 53, 1952, pp. 336, 1119; Vol. 54, 1953, pp. 626, 1394; Vol. 55, 1954, pp. 470, 1074; Vol. 62, 1961, pp. 408, 919; Vol. 85, 1984, p. 7; Vol. 88, 1987, pp. 53; Vol. 94, pp. 61.

DESIGN OF CUT TRACK SPIKE

(1963)

(Reapproved without change 1962)

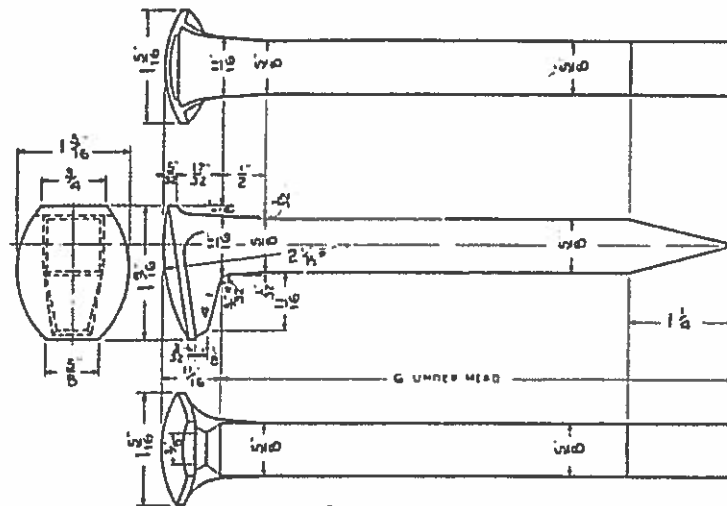
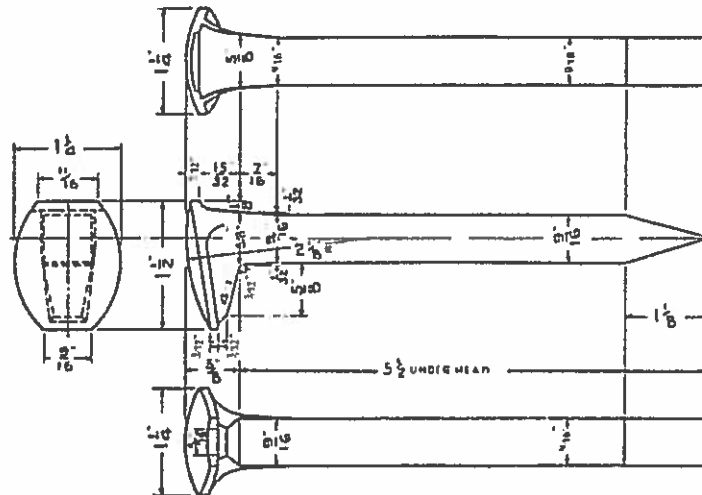
DESIGN OF $\frac{3}{8}$ REINFORCED THROAT TRACK SPIKEDESIGN OF $\frac{5}{16}$ REINFORCED THROAT TRACK SPIKE

Fig. 2.

¹ References, Vol. 22, 1921, pp. 653, 972; Vol. 35, 1934, pp. 923, 1118; Vol. 38, 1937, pp. 511, 713; Vol. 49, 1948, pp. 325, 639; Vol. 54, 1953, pp. 972, 1198; Vol. 63, 1962, pp. 487, 753.
(1963)

2512

SPIKING REQUIREMENTS

TRACK ALIGNMENT		MAIN TRACKS AND SIDINGS			SIDE, YARD AND INDUSTRY TRACKS		
		MAXIMUM AUTHORIZED FREIGHT SPEED			MAXIMUM AUTHORIZED SPEED		
		UP TO 45 MPH	46 MPH TO 60 MPH	61 MPH AND HIGHER	UP TO 25 MPH	26 MPH AND HIGHER	
DEGREE FROM	DEGREE TO	SPIKES PER TIE PLATE	SPIKING PATTERN	SPIKES PER TIE PLATE	SPIKING PATTERN	SPIKES PER TIE PLATE	SPIKING PATTERN
TANGENT		2	A	3	B	4	C
0°-01°	1°-59°	3	B	4	C	4	C
2°-00°	3°-59°	4	C	4	C	4	C
4°-00°	5°-59°	4	C	4	C	4	C
6°-00°	11°-59°	5	D	5	D	4	C
12°-00°	12°-59°	5	D	5	D	4	C
13°-00°	AND UP	5	D	5	D	5	D

SPIKING PATTERN "A"

SPIKING PATTERN "B"

SPIKING PATTERN "C"

SPIKING PATTERN "D"

CSX TRANSPORTATION

MAIN TRACK SPIKING PATTERNS

SIDE TRACK SPIKING PATTERNS

POSITIVE RESTRAINT
RAIL FASTENERS

ALL TRACK ALIGNMENTS

■ TRACK SPIKE

● TIE PLATE SCREW

REVIEWED
DIRECTOR,
ENGINEERING STANDARDS

APPROVED
CHIEF ENGINEER
MAINTENANCE OF WAY

ISSUED, DECEMBER 27, 1998

REVISED, DECEMBER 19, 2008

MAIN TRACK - A TRACK, OTHER THAN AN AUXILIARY TRACK, EXTENDING THROUGH YARDS AND BETWEEN STATIONS, UPON WHICH TRAINS ARE OPERATED IN CONFORMANCE WITH RULES OR SPECIAL INSTRUCTIONS.

SIDING - AN AUXILIARY TRACK DESIGNATED IN SPECIAL INSTRUCTIONS FOR THE MEETING OR PASSING OF TRAINS.

SIDE TRACK - AN AUXILIARY TRACK FOR PURPOSES OTHER THAN MEETING OR PASSING TRAINS.

THE SPIKING PATTERN ON CURVES WILL BEGIN AT THE TANGENT TO SPIRAL MARKER PLATE AND END AT SPIRAL TO TANGENT MARKER PLATE.

THE SPIKING PATTERN ON CONPOUND CURVES WILL BE BASED ON THE HIGHEST DEGREE OF CURVATURE IN THE CURVE AND WILL BE USED FOR THE ENTIRE CURVE.

SIX AXLE LOCOMOTIVES WITH CONVENTIONAL TRACKS ARE RESTRICTED FROM OPERATING ON CURVES OVER 17°-00'.

SIX AXLE LOCOMOTIVES WITH RADIAL STEERING TRUCKS ARE RESTRICTED FROM OPERATING ON CURVES OVER 23°-00'.

Kentucky Riverport Profile

YEAR

Jan 1 - Dec 31, 2018

Riverport Authority Name Louisville and Jefferson County Riverport

Riverport Name Louisville and Jefferson County Riverport

River & Milepoint Ohio River 618

Physical Address 6900 Riverport Drive

Mailing Address P.O. Box 58010

City, State, Zip Code Louisville KY 40268

Has FTZ Designation yes

#1 Contact Name & Title Maria Bouvette - Executive Director/President

Email Address Maria.Bouvette@jeffersonriverport.com

Phone Number 502-935-6024

#2 Contact Name & Title Michelle Whitehouse

Email Address michelle.whitehouse@jeffersonriverport.com

Phone Number 502-935-6024

Operating expenses: \$837,000

Revenue earned: \$1,150,000

Freight services offered: Truck to barge, barge to truck, rail to barge, barge to rail, barge to ground, truck to ground. Port and park are served by Paducah & Louisville, CSX, and NS rail lines. 30-ton general cargo dock can handle scrap, clamshell/bulk, steel coil, and containers.

Local Public Planning Agency: Louisville Metro

Local Economic Development Agency: Louisville Forward, Greater Louisville Inc.

Truck Freight Tonnage: Incoming: 0

Outgoing: 174,000

Total: 174000

Barge Freight Tonnage: Incoming: 175,000

Outgoing: 41000

Total: 216000

Rail Freight Tonnage: Incoming: 23,200

Outgoing: 0

Total: 23200

Ongoing KRI Grant Projects: Grant Amount Completion Month/Year

Type Project #1 Title in this Cell \$106,025 Anticipated 5/31/19

Project #2 Title

Project #3 Title

Project #4 Title

Project #5 Title

Facility Inventory Beginning January 1, 2017

Acres within Riverport boundary 2000

Number of Warehouses none in port area owned by Riverport

Total Warehouse Capacity Square Feet 0 owned by Riverport

Approximate Open Air Lay-Down Storage Acres 100+

Length of RR track within Riverport Miles 4.5

Length of RR track owned by Riverport Miles 14

Number of Liquid Storage Tanks 0

Total Liquid Storage Tank Capacity 0

Number of Grain Bins 0

Total Grain Bin Capacity 0

Number of State Certified Truck Scales 1

Barge Storage Capacity (Vicinity) 60

Number of Docks	2
Dock Capability	Rail to barge and general cargo dock
Number, Type, and Capacity of Cranes	one 30-ton rail crane at general cargo dock
Does the Riverport have...	Beginning January 1, 2017
... a slackwater harbor?	No
... a dock crane?	Yes
... a mobile crane?	No
... a river access conveyor?	Yes
... a mobile conveyor?	Yes
... a locomotive?	Yes
... a railroad car mover?	Yes
... rail served warehousing?	No
... ability to transfer material across modes?	Port has ability to transfer across most modes including rail, truck,

AFFIDAVIT

COMMONWEALTH OF KENTUCKY)
) SS
COUNTY OF JEFFERSON

COMES NOW, the Affiant, Maria Bouvette, Executive Director/President of the Louisville and Jefferson County Riverport Authority who states as follows:

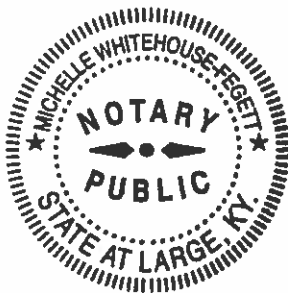
1. My name is Maria Bouvette and I am the Executive Director/President of the Louisville and Jefferson County Riverport Authority, a corporate body politic (the "Riverport").
2. I am familiar with all the financial records of the Riverport and am able to provide an opinion about the financial condition and resources of the Riverport.
3. The Riverport has adequate financial resources to provide the 50% matching funds for the Railroad Ties Project.

Further, the Affiant sayeth not.



Maria Bouvette

Subscribed and sworn to before me on the 1 day of May 2019 by Maria Bouvette as Executive Director/President of the Louisville and Jefferson County Riverport.




Notary Public, State-at-Large, Kentucky

Commission expires: 8/9/2022

Qualified Bidder Status

Solicitation/Contract #: _____

REQUIRED AFFIDAVIT FOR BIDDERS, OFFERORS AND CONTRACTORS
CLAIMING QUALIFIED BIDDER STATUS

FOR BIDS AND CONTRACTS IN GENERAL:

I. The bidder or offeror swears and affirms under penalty of perjury that the entity bidding, and all subcontractors therein, meets the requirements to be considered a "qualified bidder" in accordance with 200 KAR 5:410(3); and will continue to comply with such requirements for the duration of any contract awarded. Please identify below the particular "qualified bidder" status claimed by the bidding entity.

✓ A nonprofit corporation that furthers the purposes of KRS Chapter 163

Per KRS 45A.465(3), a "Qualified nonprofit agency for individuals with severe disabilities" means an organization that:

- (a) Is organized and operated in the interest of individuals with severe disabilities; and
- (b) Complies with any applicable occupational health and safety law of the United States and the Commonwealth; and
- (c) In the manufacture or provision of products or services listed or purchased under KRS 45A.470, during the fiscal year employs individuals with severe disabilities for not less than seventy-five percent (75%) of the man hours of direct labor required for the manufacture or provision of the products or services; and
- (d) Is registered and in good standing as a nonprofit organization with the Secretary of State.

The BIDDING AGENCY reserves the right to request documentation supporting a bidder's claim of qualified bidder status. Failure to provide such documentation upon request may result in disqualification of the bidder or contract termination.

Maria L Bouvette
Signature

Maria L Bouvette
Printed Name

Executive Director / President
Title

5/1/2019
Date

Company Name

Address

Louisville and Jefferson County
Riverport Authority
6900 Riverport Dr.
Louisville, KY 40258

Subscribed and sworn to before me by

Notary Public
(Affiant) (Title)

of Louisville Riverport this 1 day of May, 2019
(Company Name)



Michelle Whitehouse-Fegett
Notary Public

[seal of notary]

My commission expires:

8/9/2022